



Press Release

November 5, 2010

Sometimes... less is more™

The ultimate automated microscope for life sciences

TILL Photonics' **more™** is a fully automated multi-purpose light microscopy platform for high-end applications. This state of the art microscope is especially designed for experiments with living cells.

The **more™** real-time protocol engine allows for highest 3-D acquisition speed and optical sectioning with minimized photo-bleaching.

The integrated design of the **more™** platform enables millisecond switching between different applications like FRET, FRAP, TIRF, structured illumination (@ up to 10 frames per second) and widefield fluorescence.

Sophisticated acquisition software provides automated experiment control of all motorized modules and real-time online analysis.

While combining the finest ingredients of high-end microscopy into a single unit, the **more™** makes the most demanding experiments possible with performance not possible before.

Key features of the **more™**:

- Fast motorized modules, high-precision voice coil technology for high-speed, z-drive, precise relocation, lowest temperature drift allowing for optimized image acquisition
- Live Acquisition Software executing real-time experiment protocols with optimized timing and synchronization for highest speed with minimal bleaching
- Quiet frame technology eliminates internal vibrations and structure born sound.
- Platform concept for multi-color epi-fluorescence and transmission experiments.

Author:
Lisa Riggs, TILL Photonics

TILL Photonics
1286 Blossom Dr
Victor, NY 14564
USA

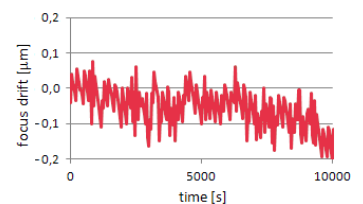
Contact:

Marketing
Lisa Riggs
Phone 585-657-6663
Fax 877-277-9897
Lisa.Riggs@toptica-usa.com

[www.till-photonics.com/
news](http://www.till-photonics.com/news)



more™: Fully automated microscope suitable for multiple applications integrated into a single unit



Thermal stability: focus drift is typically less than 0.1 mm / hour

- Options available for FRET, FRAP, TIRF, optical sectioning (structured illumination)

The **more™** will be displayed at the Neuroscience Exhibition in San Diego, November 14th – 17th at booth #3117.

TILL was founded in 1993 as systems provider for fluorescence microscopy. From its very beginning TILL had placed its focus on the development of innovative, enabling technologies for the study of live cells. Setting out with a novel light source for ratio imaging and the first real-time imaging system on the market, TILL developed a novel, award-winning microscope platform concept, which allows integrating an unprecedented number of functionalities into a single instrument. Based on this technology TILL has subsequently become a provider for complete microscope systems, and the new TILL intends to step into these footsteps and plans to extend the platform concept in order to grow into a wide range of markets, both in basic research, screening and medical diagnostics.